

## **SESSION ON**

### **Computational Linguistic and Predictive Analytics using Machine Learning**

#### **SESSION ORGANIZERS:**

##### **Dr. Pankaj Kumar**

Professor & Head

Department of Computer Science & Engineering

Sri Ramswaroop College of Engineering & Management, Lucknow, U.P. India

Email: [pk79jan@gmail.com](mailto:pk79jan@gmail.com) , [pankajkumar.cs@srmcem.ac.in](mailto:pankajkumar.cs@srmcem.ac.in)

##### **Dr. Qaim Mehdi Rizvi**

Professor & Head

Department of Computer Application

Sri Ramswaroop College of Engineering & Management, Lucknow, U.P. India

Email: [qaim.cs@srmcem.ac.in](mailto:qaim.cs@srmcem.ac.in)

##### **Dr. Nidhi Saxena**

Associate Professor

Department of Computer Science & Engineering

Sri Ramswaroop College of Engineering & Management, Lucknow, U.P. India

Email: [nidhi.cs@srmcem.ac.in](mailto:nidhi.cs@srmcem.ac.in)

#### **SESSION DESCRIPTION:**

Huge amount of user generated data is stored day by day on social media platform like Twitter Facebook, WhatsApp etc. These data are stored in the form of reviews, opinion and feelings. Apart from this, data are also stored in cloud through various media like hand held devices, IOT based devices and various net based application. These stored data are giving several opportunities and opening new doors for the businesses, government, institutes and individuals to keep track of these data and manipulate according to their own purpose. So, the businesses, government, institutes and individuals can use these raw data with help of machine learning techniques for predictions and finding sentiments. Machine learning techniques have become gradually more popular in conducting predictive analysis and sentiment analysis due to their exceptional results in handling large scale datasets with uniform characteristics and noisy data.

#### **RECOMMENDED TOPICS:**

Topics to be discussed in this special session include (but are not limited to) the following:

- Opinion Mining
- Predictive Analytics
- Deep Learning
- Social Networking Data Analysis
- Sentiment Analysis
- Machine Translation
- Word Sense Disambiguation
- Text Summarization
- Computational Linguistic
- Supervised/Unsupervised Learning
- Classification and Clustering Based Algorithm